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09/997, 700

	Type	L #	Hits	Search Text	Dbs	Time Stamp	Comments	Error Definition	Error Count
1	BRS	L1	35	small adj subunit adj protein	USPAT US-PG PUB; EPO; JPO; DERWE NT	2003/04/1 7 16:10			0
2	BRS	L2	5	11 and (AHAS or ALS)	USPAT US-PG PUB; EPO; JPO; DERWE NT	2003/04/1 7 16:10			0

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval Classif
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20020053098 A1	20020502	30	Genes and vectors for conferring herbicide resistance in plants	800/300	536/23.6; 536/24.1; 800/278	
2	<input type="checkbox"/>	<input type="checkbox"/>	US 20010044939 A1	20011122	57	Small subunit of plant acetolactate synthase	800/278	435/183; 435/419; 435/69.1; 536/23.2; 536/23.6	
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6348643 B1	20020219	31	DNA sequences encoding the arabidopsis acetoxyhydroxy-acid synthase small subunit and methods of use	800/300	435/320.1; 435/418; 435/468; 536/23.6; 800/278	
4	<input type="checkbox"/>	<input type="checkbox"/>	WO 9837206 A1	19980827	47	USE OF THE SMALL SUBUNIT OF PLANT ACETOLACTATE SYNTHASE FOR NEW HERBICIDE DISCOVERY			
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6348643 B	20020925	31	New polynucleotide encoding eukaryotic acetoxyhydroxy-acid synthetase small subunit protein for producing transgenic herbicide resistant plants and identifying mutations affecting enzymatic activity of the synthetase			

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1	Kakefuda, Genichi et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20020053098	<input type="checkbox"/>
2	Abell, Lynn M. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20010044939	<input type="checkbox"/>
3	Kakefuda, Genichi et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6348643	<input type="checkbox"/>
4	ABELL, LYNN MARIE et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WO 9837206 A1	<input type="checkbox"/>
5	COSTELLO, C et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6348643	<input type="checkbox"/>

OU HAVE REQUESTED DATA FROM 23 ANSWERS - CONTINUE? Y/(N):y

L8 ANSWER 1 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI DNA sequences encoding the arabidopsis acetohydroxy-acid synthase
small subunit and methods of use.

L8 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2003 ACS
TI Genes encoding cyanobacterial acetolactate synthase and phytoene
desaturase and their use in providing herbicide resistance in transgenic
plants

L8 ANSWER 3 OF 23 AGRICOLA DUPLICATE 1
TI Molecular analysis of the acetolactate synthase gene of Chlamydomonas
reinhardtii and development of a genetically engineered gene as a dominant
selectable marker for genetic transformation.

L8 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2003 ACS
TI cDNA encoding acetolactate synthase **small subunit** and
its uses in improving catalytic activity of holoenzyme in transgenic
plants

L8 ANSWER 5 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Purification and characterization of the anabolic acetolactate synthase
III from Serratia marcescens ATCC 25419.

L8 ANSWER 6 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Expression, purification, characterisation, and reconstitution of the
large and **small subunits** of yeast acetohydroxyacid
synthase.

L8 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2003 ACS
TI Isolation of subunits of acetohydroxy acid synthase isozyme III and
reconstitution of holoenzyme

L8 ANSWER 8 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
2
TI Expression, purification, characterization, and reconstitution of the
large and **small subunits** of yeast acetohydroxyacid
synthase.

L8 ANSWER 9 OF 23 AGRICOLA DUPLICATE 3
TI Cloning and functional expression of the **small subunit**
of acetolactate synthase from Nicotiana plumbaginifolia.

L8 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2003 ACS
TI Use of the **small subunit** of plant acetolactate
synthase for new herbicide discovery

L8 ANSWER 11 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
4
TI Mutagenesis of Escherichia coli acetohydroxyacid synthase isoenzyme II and
characterization of three herbicide-insensitive forms.

L8 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2003 ACS
TI Chemically regulated promoters and pathogenesis-related genes and their
use in increasing plant pathogen resistance

L8 ANSWER 13 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
5
TI Cloning and phylogenetic analysis of the genes encoding acetohydroxy acid
synthase from the archaeon Methanococcus aeolicus.

L8 ANSWER 14 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
6
TI Isolation and characterization of subunits of acetohydroxy acid synthase
isozyme III and reconstitution of the holoenzyme.

L8 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2003 ACS
TI Transformation and selection of maize tissue and the regeneration of

stably transformed fertile plants

L8 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2003 ACS
 TI Regulation of Caulobacter crescentus ilvBN gene expression

L8 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2003 ACS
 TI High-frequency germinal transposition of DsALS in Arabidopsis

L8 ANSWER 18 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 7
 TI Subunit association in acetohydroxy acid synthase isozyme III.

L8 ANSWER 19 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 8
 TI Molecular cloning, DNA sequencing, and biochemical analyses of Escherichia coli glyoxylate carboligase: An enzyme of the acetohydroxy acid synthase-pyruvate oxidase family.

L8 ANSWER 20 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 9
 TI Purification and characterization of the valine sensitive acetolactate synthase from Serratia marcescens ATCC 25419.

L8 ANSWER 21 OF 23 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 10
 TI PROPERTIES OF SUBCLONED SUBUNITS OF BACTERIAL ACETOHYDROXY ACID SYNTHASES.

L8 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2003 ACS
 TI The nucleotide sequence of the ilvBN operon of Escherichia coli: sequence homologies of the acetohydroxy acid synthase isozymes

L8 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2003 ACS
 TI The ilvB locus of Escherichia coli K-12 is an operon encoding both subunits of acetohydroxyacid synthase I

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(FILE 'HOME' ENTERED AT 16:18:00 ON 17 APR 2003)

FILE 'STNGUIDE' ENTERED AT 16:18:08 ON 17 APR 2003

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 16:18:11 ON 17 APR 2003

L1 211 S SMALL SUBUNIT PROTEIN
 L2 5 S L1 AND (AHAS OR ALS)
 L3 3 DUP REM L2 (2 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 16:19:43 ON 17 APR 2003

L4 0 S (SMALL SUBUNIT) AND (AHAS OR ALS)
 L5 0 S AHAS OR ALS

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 16:32:15 ON 17 APR 2003

L6 31638 S AHAS OR ALS
 L7 43 S L6 AND (SMALL SUBUNIT)
 L8 23 DUP REM L7 (20 DUPLICATES REMOVED)